

Converting Colors

CIELCh(58, 39.239, 248.793)

Have a look what the booklet for
CIELCh(58, 39.239, 248.793)
contains.

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Color

CIELCh(58, 39.111, 248.857)

Conversions

Conversions Part 1

Format	Color
Hex	0096CB
RGB	0, 150, 203
RGB Percent	0%, 59%, 80%
CMY	1.0000, 0.4134, 0.2056
CMYK	1.00, 0.26, 0.00, 0.21
HSL	196°, 100%, 40%
HSV	196°, 100%, 79%
XYZ	21.5438, 25.9610, 60.1053
YIQ	111.1920, -106.4130, -15.3170

Conversions

Conversions Part 2

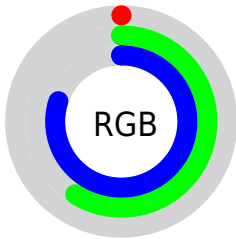
Format	Color
RYB	0, 86, 203
Decimal	38603
CIELab	58.00, -14.11, -36.48
CIELCh	58, 39.111, 248.857
Yxy	25.9610, 0.2002, 0.2413
Android (android.graphics.Color)	4278228683 (0xFF0096CB)
YUV	111.1920, 45.2613, -97.5154
Hunter-Lab	50.9519, -13.6914, -34.2750

Details

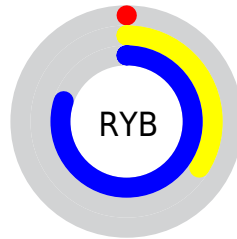
The CIELCh color **58, 39.111, 248.857** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **46, 81.283, 45.524**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **78, 37.532, 245.279**, and **40, 34.500, 261.497** is the 20% darker color. If you saturate the color by 10%, you get **58, 39.068, 248.937**, and if you desaturate by 10%, it is **60, 37.415, 244.364**.

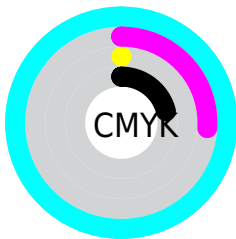
Distribution



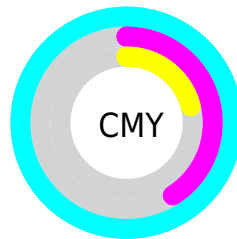
- Red (0%)
- Green (59%)
- Blue (80%)



- Red (0%)
- Yellow (34%)
- Blue (80%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (21%)





- Cyan (100%)
- Magenta (41%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 39.111, 248.857 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 58, 39.111, 248.857 by changing the saturation by 10% instead.


 58, 39.111,
248.857


 58, 39.111,
248.857


 100, 39.111,
248.857


 48, 39.111,
248.857


 78, 39.111,
248.857


 38, 39.111,
248.857


 88, 39.111,
248.857

 28, 39.111,
248.857

 98, 39.111,
248.857

 18, 39.111,
248.857

 8, 39.111, 248.857

 0, 39.111, 248.857

■ 58, 39.111,
248.857

■ 58, 39.111,
248.857

■ 58, 39.068,
248.937

■ 60, 37.415,
244.364

■ 62, 35.455,
240.339

■ 64, 32.966,
237.005

■ 66, 29.864,
234.312

■ 68, 26.134,
232.174

■ 71, 21.810,
230.499

■ 73, 16.956,
229.201

■ 76, 11.651,

228.210

■ 79, 5.975, 227.485

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



58, 39.111, 248.857



46, 81.283, 45.524

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58, 39.111, 248.857



58, 39.111, 298.857



58, 39.111, 68.857



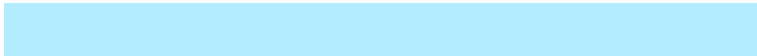
58, 39.111, 118.857

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



58, 39.068, 248.937



90, 20.412, 229.247



71, 92.386, 139.619



47, 13.722, 229.766



0, 0.000, 0.000



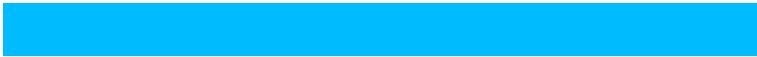
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58, 39.068, 248.937



72, 46.676, 249.653



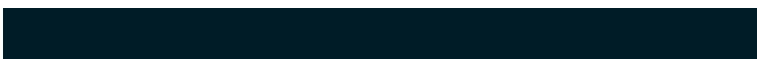
31, 93.294, 300.795



42, 3.413, 227.450



48, 33.504, 248.179



9, 11.843, 237.151

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



45, 79.527, 342.254



57, 94.359, 342.500



66, 70.452, 83.272



40, 6.279, 333.359



37, 68.691, 341.998



5, 23.445, 338.558

Previews

White Background



This preview shows how the CIELCh color 58, 39.111, 248.857 looks on a white background.

Color Contrast Check

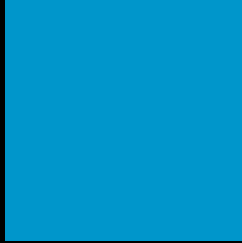
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 58, 39.111, 248.857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

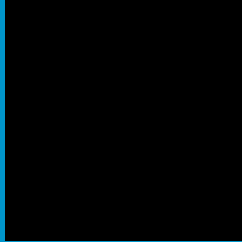
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 39.111, 248.857

Background



This preview shows how black text looks on a background with the CIELCh color 58, 39.111, 248.857.

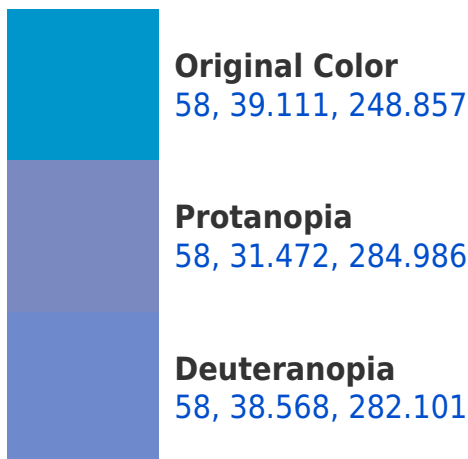


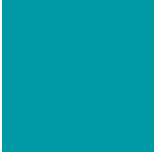
This preview shows how white text looks on a background with the CIELCh color 58, 39.111, 248.857.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
58, 33.195, 208.673

Trichromacy



Original Color
58, 39.111, 248.857



Protanomaly
57, 34.435, 262.994



Deuteranomaly
57, 38.747, 265.569



Tritanomaly
58, 33.418, 224.768

Monochromacy



Original Color
58, 39.111, 248.857



Achromatopsia
47, 0.006, 296.813



Achromatomaly
50, 20.115, 231.872

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 39.111, 248.857 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 150, 203)` looks like.

```
.text, #text, p{  
    color:rgb(0, 150, 203)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 150, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 150, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 39.111, 248.857 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 150, 203) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(0, 150, 203) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(0, 150, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 150, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 150, 203);  
box-shadow:4px 4px 4px 4px rgb(0, 150,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 39.111, 248.857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 150, 203) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 150,  
203) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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